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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,775	02/18/2004	Floyd Backes	160-028	2754
34845	7590	03/28/2006	EXAMINER	
STEUBING MCGUINNESS & MANARAS LLP			PHILPOTT, JUSTIN M	
125 NAGOG PARK			ART UNIT	PAPER NUMBER
ACTON, MA 01720			2616	

DATE MAILED: 03/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Non-Compliant Amendment (37 CFR 1.121)

Application No.

10/780,775

Examiner

Justin M. Philpott

Applicant(s)

BACKES ET AL.

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2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on 15 March 2006 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
 - ☐ A. Amended paragraph(s) do not include markings.
 - ☐ B. New paragraph(s) should not be underlined.
 - ☐ C. Other _____.
- ☐ 2. Abstract:
 - ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
 - ☐ B. Other _____.
- ☐ 3. Amendments to the drawings:
 - ☐ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
 - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
 - ☐ C. Other _____.
- ☒ 4. Amendments to the claims:
 - ☐ A. A complete listing of all of the claims is not present.
 - ☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
 - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
 - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
 - ☒ E. Other: See Continuation Sheet.
- ☐ 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4):

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1. to 4. are checked, the correction required is only the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121.

Extensions of time are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action.

Failure to timely respond to this notice will result in:

Abandonment of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action; or

Non-entry of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Legal Instruments Examiner (LIE), if applicable

Telephone No.

Response to Amendment

1. As discussed during a phone conversation with Holmes Anderson (Reg. 37,272) on March 22, 2006, applicant's reply filed on March 15, 2006 in response to the Notice of Non-Compliant Amendment mailed March 8, 2006 remains non-responsive for the same reason discussed in the March 8, 2006 Notice Non-Compliant Amendment addressing applicant's non-compliant response of December 20, 2005. Accordingly, the following is a copy of the previous Notice of Non-Compliant Amendment mailed March 8, 2006. A fully responsive reply must be timely filed to avoid abandonment of this application.

2. Applicant's responses filed December 20, 2005 and March 15, 2006 are not fully responsive to the prior Office Action because of the following omission(s) or matter(s):

Applicant's claims 1-5 show underlined portions indicating an amendment, however, all of claims 1-5 are entirely *new* claims and are not amended versions of claims 1-5 as previously filed in the instant application. See 37 CFR 1.111. It appears that applicant is mistaken, since in the Remarks section applicant states, "It should be noted that the claim rejections specifically recited in the Office Action do not correspond to the claims of this application, but rather to the claims of a different, contemporaneously filed application by the same Applicant. Applicant has therefore responded to the arguments which it appears the Office might have made if applying the reference to the claims of this application" (Remarks, pages 5-6).

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3. In an attempt to clarify applicant's confusion, a copy of the pending claims from the instant application, 10/780,775, (copied directly from application's file) are included herein for reference. Applicant's response to this action should address the October 3, 2005 non-final rejection of these claims, and not claims from another co-pending application.

4. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin M. Philpott whose telephone number is 571.272.3162. The examiner can normally be reached on M-F, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571.272.3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Justin M Philpott



CHI PHAM
EXAMINER
PATENT EXAMINER
EBC CENTER

3/24/12

We claim:

1. Apparatus for use by a wireless device in a wireless communications environment including multiple access points and stations, wherein stations gain network access by associating with one of the access points, comprising:

logic for associating with a current access point on one channel;

logic for ascertaining whether the wireless device should attempt to associate with an access point operating on another channel;

logic for requesting association with the access point operating on another channel if it is ascertained that the wireless device should attempt to associate with said access point.

2. The apparatus of claim 1 further comprising:

logic for automatically collecting information about access points operating on other channels.

3. The apparatus of claim 2 wherein the logic for ascertaining ascertains that the wireless device should attempt to associate with another access point operating on said different channel if the access point on said different channel is closer than the current access point.

4. The apparatus of claim 3 wherein the logic for ascertaining ascertains that the access point on said different channel is closer than the current access point by:

calculating a first biased distance between the wireless device and the current access point based on "x" samples;

calculating a second biased distance between the wireless device and the access point operating on said another channel based on "y" samples where "y" is less than "x";

Ascertaining that the access point operating on said another channel is closer than the current access point if the second biased distance is less than the first biased distance.

5. The apparatus of claim 3 wherein the logic for requesting association requests association by sending a message to the access point operating on said another channel.